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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/993,647
		Filing Date	11/27/01
		First Named Inventor	RIEDL
		Group Art Unit	1624
		Examiner Name	
		Attorney Docket Number	BAYER-18A
Sheet	1	of	4 5

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DR	AA	502,504	U.S.	Thoms	08-01-1893	
DR	AF	2,649,476	U.S.	Martin	08-15-1953	
DR	AH	2,722,544	U.S.	Martin	11-01-1955	
DR	AK	2,797,214	U.S.	Werner Bossard	06-25-1957	
DR	BP	4,212,981	U.S.	Yukinaga et al.	07-15-1980	
DR	BQ	4,240,820	U.S.	Dickore et al.	12-23-1980	
DR	CV	5,447,957	U.S.	Adams et al.	09-05-1995	
DR	DH	5,886,044	U.S.	Widdowson et al.	03-23-1999	
DR	DI	5,891,895	U.S.	Shiraishi et al.	04-06-1999	
DR	DL	5,965,573	U.S.	Petrie et al.	10-12-1999	
DR	DM	6,004,965	U.S.	Breu et al.	12-21-1999	
DR	DN	6,005,008	U.S.	Widdowson et al.	12-21-1999	
DR	DP	6,020,345	U.S.	Vacher et al.	02-01-2000	
DR	DR	6,040,339	U.S.	Yoshida et al.	03-21-2000	
DR	DU	6,093,742	U.S.	Salituro et al.	07-25-2000	
DR	DV	6,133,318	U.S.	Widdowson	10-17-2000	
DR	DY	6,150,415	U.S.	Hammock et al.	11-21-2000	
DR	DZ	6,174,901 B1	U.S.	Mantlo et al.	01-16-2001	
DR	EA	6,178,399 B1	U.S.	Takebayashi et al.	01-23-2001	
DR	EB	6,180,675 B1	U.S.	Widdowson et al.	01-30-2001	
DR	EC	6,187,799 B1	U.S.	Wood et al.	02-13-2001	
DR	ED	6,211,373 B1	U.S.	Widdowson et al.	04-03-2001	
DR	EE	6,218,539 B1	U.S.	Widdowson	04-17-2001	
DR	EF	6,242,601 B1	U.S.	Breu et al.	06-05-2001	
DR	EG	6,262,113 B1	U.S.	Widdowson et al.	07-17-2001	
DR	EH	6,271,261 B1	U.S.	Widdowson	08-07-2001	
DR	EI	6,333,341 B1	U.S.	Mantlo et al.	12-25-2001	
DR	EJ	6,339,045 B1	U.S.	Kanno et al.	01-15-2002	
DR	EK	6,344,476 B1	U.S.	Ranges et al.	02-05-2002	
DR	NW	4,546,191	U.S.	Nishiyama et al.	10-08-1985	
DR	NX	5,710,094	U.S.	Minami et al.	01-20-1998	
DR	NY	6,380,218	U.S.	Marfat et al.	04-30-2002	

Examiner Signature	/Deepak Rao/	Date Considered	06/23/2006
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/993,647
				Filing Date	11/27/01
				First Named Inventor	RIEDL
				Group Art Unit	1624
				Examiner Name	
Sheet	2	of	5	Attorney Docket Number	BAYER-18A

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DR	EM		90/02112	WO	The Nutrasweet Co.	03-08-1990		
DR	EY		96/10559	WO	Fujis WA Pharmaceutical Co. Ltd.	04-11-1998		
DR	FD		97/17329	WO	Kirin Beer Kabushiki Kaisha	05-15-1997		
DR	FF		97/30992	WO	Bristol-Myers Squibb Co.	08-28-1997		
DR	FK		98/17287	WO	Zymogenetics, Inc.	04-30-1998		
DR	NZ		98/20868	WO	Picower Institute for Med. Res.	05-22-1998		
DR	OA		98/45268	WO	Pfizer	10-15-1998		
DR	OB		02/14311	WO	Anger	02-21-2002		
DR	OC		02/92578	WO	Boehringer Ingelheim	11-21-02		
DR	OD		0690344 A1	EP	Konica Corp.	01-03-1996		

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DR	FZ		99/32437	WO	Slovak-Farma A.S.	07-01-1999		
DR	GG		00/43368	WO	Kirin Beer Kabushiki Kaisha	07-27-2000		
DR	GQ		0116932 A1	EP	BASF AG	08-29-1984		
DR	HD		0425443 A1	EP	CIBA-GEIGY AG	05-02-1991		
DR	HG		0202538 A1	EP	Bayer AG	11-26-1986		
DR	HH		0880433 A1	EP	Kirin Beer Kabushiki Kaisha	08-26-1998		
DR	HO		25 01 848 A1	DE	The Dow Chemical Co.	07-24-1975		
DR	HT		08-301841	JP	Green Cross Corp.	11-19-1996		
DR	HV		10-306078	JP	Mitsubishi Chemical Corp.	11-17-1998		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	091993,047
		Filing Date	11/27/01
		First Named Inventor	RIEDL
		Group Art Unit	1624
		Examiner Name	
		Attorney Docket Number	BAYER-18A
Sheet <u>4-3</u>	of <u>18-5</u>		
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DR	IX	Abstract of EP 0405233A1, Tetsuo Sekiya et al.	
DR	JR	Grant, A.M. et al.: "Hypotensive thiadiazoles", J. Med. Chem. (1972), 15(10), pg. 1082-4.	
DR	JS	Russo, F. et al. "Synthesis of 2,6-substituted derivatives of 5H-1,3,4-thiadiazolo=3,2-al-s triazine-5,7-dione" FARMACO, ED.SCI. (1978), 33(12), 972-83	
DR	JT	Joseph T. Bryder et al., Journal of Virology, January 1997, "Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-8 Expression", May 17, 1996, pgs. 398-404.	
DR	JU	Foussard-Blanpin, Odette: "Comparative pharmacodynamic study of variously substituted carboxamides of the central nervous system" Ann. Pharm. Fr. (1982), 40 (4), pgs. 339-350.	
DR	MP	Publication No. US 2001/0011136 A1, Publication Date: August 2, 2001, Riedl et al.	
DR	MQ	Publication No. US 2001/0016659 A1, Publication Date: August 23, 2001, Riedl et al.	
DR	MR	Publication No. US 2001/0027202 A1, Publication Date: October 4, 2001, Riedl et al.	
DR	MS	Publication No. US 2002/0165394 A1, Publication Date: November 7, 2002, Dumas et al.	
DR	MT	Publication No. US 2002/0042517 A1, Publication Date: April 11, 2002, Uday et al.	
DR	MU	Publication No. US 2001/0034447 A1, Publication Date: October 25, 2001, Riedl et al.	
DR	MV	Publication No. US 2001/0011135 A1, Publication Date: August 2, 2001, Riedl et al.	
DR	MW	Publication No. US 2002/0103253 A1, Publication Date: August 1, 2002, Ranges et al.	

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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09193,647
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	11/27/01
		First Named Inventor	RIEDL B
		Group Art Unit	1624
		Examiner Name	
		Attorney Docket Number	BAYER-12A
Sheet	47 4	of	48 5
(use as many sheets as necessary)			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DR	MX	Publication No. US 2001/0006975 A1, Publication Date: July 5, 2001, Wood et al.	
DR	MY	Publication No. US 2002/0062763 A1, Publication Date: May 30, 2002, Macholdt et al.	
DR	MZ	Publication No. US 2002/0085859 A1, Publication Date: July 4, 2002, Hashimoto et al.	
DR	NA	Publication No. US 2002/0085857 A1, Publication Date: July 4, 2002, Kim et al.	
DR	NB	Publication No. US 2002/0137774 A1, Publication Date: September 26, 2002, Riedl et al.	
DR	NC	Co-pending application Serial No. 09/640,780 filed August 18, 2000.	
DR	ND	Co-pending application Serial No. 09/472,232 filed December 27, 1999.	
DR	NE	Co-pending application Serial No. 09/776,936 filed December 22, 1998.	
DR	NF	Co-pending application Serial No. 09/776,935 filed December 22, 1998.	
DR	NG	Co-pending application Serial No. 09/993,647 filed November 27, 2001.	
DR	NH	Co-pending application Serial No. 10/086,417 filed March 4, 2002.	
DR	NI	Co-pending application Serial No. 10/071,248 filed February 11, 2002.	
DR	NJ	Co-pending application Serial No. 10/308,187 filed December 3, 2002.	
DR	NK	Co-pending application Serial No. 10/361,859 filed February 11, 2003.	

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Substitute for form 1449/APTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/993,647
		Filing Date	11/27/01
		First Named Inventor	RIEDL
		Group Art Unit	1624
		Examiner Name	
Sheet <u>48</u> of <u>5</u>	Attorney Docket Number	BAYER - 18A	

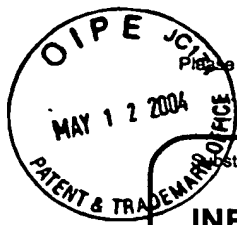
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DR	NL	Co-pending application Serial No. 10/361,844 filed February 11, 2003.	
DR	NM	Co-pending application Serial No. 10/361,850 filed February 11, 2003.	
DR	NN	Co-pending application Serial No. 10/060,396 filed February 1, 2002.	
DR	NO	Co-pending application Serial No. 09/458,014 filed December 10, 1999.	
DR	NP	Co-pending application Serial No. 10/125,369 filed April 19, 2002.	
DR	NQ	Co-pending application Serial No. 09/889,227 filed July 12, 2001.	
DR	NR	XP-001145518 # 4956 Potent Raf Kinase Inhibitors from the Diphenylurea Class: Structure Activity Relationships, B. Riedl et al., Bayer Corporation.	
DR	NS	XP-001145779 "Antitumor Activity of a C-raf Antisense Oligonucleotide in Combination with Standard Chemotherapeutic Agents against Various Human Tumors Transplanted Subcutaneously into Nude Mice", Thomas Gelger et al., Vol. 3, 1179-1185, July 1997.	
DR	NT	XP-001145481 +2921 Phase I and Pharmacokinetic Study of the Raf Kinase Inhibitor Bay 43-9006 in Patients with Locally Advanced or Metastatic Cancer, Dirk Strumberg et al. Bayer AG.	
DR	NU	XP-002232130, "A Phase I Trial of H-ras Antisense Oligonucleotide ISIS 2503 Administered as a Continuous Intravenous Infusion in Patients with Advanced Carcinoma", C. Casey Cunningham et al., 2001 American Cancer Society, Volume 92, Number 5, pages 1265-1271.	
DR	NV	XP-002233486, MEDLINE/NLM, NLM8336809 - [Intra-arterial ACNU, CDDP chemotherapy for brain metastases from lung cancer: comparison of cases with and without intra-arterial mannitol infusion], Iwadata Y et al.	
DR	OE	Journal of Immunological Methods Berwick 1996, vol. 186 (2) 163-173 corresponding to DN 125-245169	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/993,647
Filing Date	November 27, 2001
First Named Inventor	Bernd RIEDL et al.
Group Art Unit	1624
Examiner Name	Deepak R. RAO
Attorney Docket Number	BAYER-18A

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)		
DR	OF	3,284,433		Becker et al.	11-08-1966

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DR	OG	WO	99/28305	A1	Walker	06-10-1999		

NON PATENT LITERATURE DOCUMENTS

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